



Attorney's Docket No. 04259.P032

Op/2631

RS

2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:)
Mark Petting)
Application No.: 09/955,529)
Filed: September 17, 2001)
For: AN APPARATUS AND METHOD)
FOR SIGNAL IMBALANCES FOR)
A MULTI-CHANNEL PROCESSING)
SYSTEM)

Examiner: Unassigned

Art Unit: 2631

RECEIVED

MAR 11 2002

Technology Center 2600

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231 on February 25, 2002.

(Date of Deposit)

Janece Shannon

(Typed or printed name of person mailing correspondence)

Janece Shannon 2/25/2002

(Signature of person mailing correspondence)

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

X 37 C.F.R. §1.97(b).

 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

 A statement pursuant to 37 C.F.R. §1.97(e) or

 A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:

(1) A statement pursuant to 37 C.F.R. §1.97(e); and

(2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No.
02-2666.

RECEIVED

Respectfully submitted,

MAR 1 1 2002

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP Technology Center 2600

Dated: 2/25, 2002

Thomas Webster

Thomas C. Webster
Reg. No. 46,154

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1026
(408) 720-8300

Examiner Signature		Date Considered	
-----------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 04259.P032	Application Number: 09/955,529	
		First Named Inventor: Mark Peting	RECEIVED	
		Filing Date: September 17, 2001	MAR 11 2002	
OTHER ART – NO PATENT LITERATURE DOCUMENTS Technology Center 2600				
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		Translation ²
		JAMES TSUI, Frequency Channelization, Digital Techniques for Wideband Receivers , Second Edition, Pages 363 – 396, 2001 Artech House, Inc., Norwood, MA		
		ZHENGDAO WANG and GEORGIOS B. GIANNAKIS, Wireless Multicarrier Communications where Fourier Meets Shannon , Department of ECE, University of Minnesota, Minneapolis MN., Pages 1-21		
		E. VERRIEST, ISEN, Implementing an Adaptive Noise Canceling System to Enhance Sonar Receiver Performance Using the TMS320C31 DSP , ESIEE, Paris, September 1996, Texas Instruments, Pages 1-24.		
		G.A. SHAW, R.A. FORD, J.C. ANDERSON, B.W. ZUERDNORFER, A.H. ANDERSON, RASSP Benchmark 2 Technical Description , Massachusetts Institute Of Technology Lincoln Library, 153 pages total.		
		"www.inventra.com/inventra/softcore/workshop/MultiRaFiltDes95/" MENTOR GRAPHICS, Hardware Design of Decimators/Interpolators, Pages 1-38.		
		"www.mentor.com/inventra/softcore/workshop/SDmod95/", MENTOR GRAPHICS, Introduction to AD/DA Converters, Pages 1-27.		
		http://www.mentor.com/inventra/softcore/workshop/SDHWDes95/ MENTOR GRAPHICS, Design of the Decimation & Interpolation Filters, Pages 1-57.		
		http://www.mentor.com/inventra/softcore/workshop/Applications95/ , MENTOR GRAPHICS, Sigma Delta Converter Applications, Pages 1-5.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.